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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/813,327	03/30/2004	Woon-Sik Suh	8729-231JHM/SS20446US	5102
22150 7590 12/18/2007 F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797			EXAMINER WENDELL, ANDREW	
			ART UNIT 2618	PAPER NUMBER
			MAIL DATE 12/18/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/813,327

Applicant(s)

SUH ET AL.

Examiner

Andrew Wendell

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,6-11,13,15-21,23,24,26-31,33,34,36-40,42,43 and 45-48 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,4,6-11,13,15-21,23,24,26-31,33,34,36-40,42,43 and 45-48 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/21/2007 has been entered.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3-4, 6-7, 9, 11, 14-16, 18-19, 21, 25-27, 29, 31, 33-36, 37, 39-40, and 42-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Circello et al. (US Pat# 5,872,940) in view of Ryan (US Pat Pub# 2006/0277424) and further in view of Funk et al. (US Pat# 6,026,119).

Regarding claim 1, Circello teaches an application processor 101 (Fig. 1) having a central processing unit 102 (Fig. 1) and a bus master controller 103 (Fig. 1) for controlling via a first common bus 107 (Fig. 1) a plurality of external peripherals 111, 112, and 113 (Fig. 1); and a shared memory (Col. 3 lines 38-40) connected to the AP 101 (Fig. 1) via the first common bus 107 (Fig. 1), wherein the bus master controller 103

(fig. 1) controls the plurality of external peripherals by using a packet generator issuing a packetized command (Fig. 6 and 7, Col. 3 lines 10-12, it is obvious that the commands are packetized) commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 4-58). It is obvious that the shared memory of Circello can be connected to a modem from a second bus. However, Circello fails to teach a modulator/demodulator (modem) connected to shared memory and a digital signal processor.

Ryan teaches shared memory 108 (Fig. 1) connected to the AP 102 (Fig. 1) via a common bus and connected to the modem 104 (Fig. 1) via a bus.

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a modulator/demodulator (modem) connected to shared memory as taught by Ryan into Circello's circuit in order to minimize power consumption and increasing the speed and functionality of the device (Section 0006).

Circello and Ryan fail to teach a digital signal processor.

Funk teaches a signal modulator/demodulator 101 (Fig. 4) having a digital signal processor for effecting radio communications (Col. 2 lines 44-53) and wherein the bus master controller 111 (fig. 4) controls the plurality of external peripherals by using a packet generator issuing a packetized command (Figs. 5-6) commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for selecting one of the plurality of

external peripherals (Col. 3 lines 26-45, Col. 4 line 45-Col. 5 line 26, and Fig. 5).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a digital signal processor as taught by Funk into a modulator/demodulator (modem) connected to shared memory as taught by Ryan into Circello's circuit in order to reduce size, lower weight, and increase battery life (Col. 1 lines 45-60).

Regarding claim 3, Circello further teaches a shared memory (SRAM, Col. 3 lines 38-40). It would have been obvious to use SDRAM as a possible choice for memory because of its size and performance.

Regarding claim 4, Circello further teaches wherein the plurality of external peripherals include at least one of an image capture module, a display, and a flash memory (Col. 3 lines 38-40).

Regarding claim 6, Funk et al. further teaches wherein the selected one of the plurality of external peripherals returns a signal to the bus master controller to acknowledge receipt (ARQ protocol) of the packetized command (Col. 7 lines 48-54).

Regarding claim 7, Circello further teaches wherein the packetized command includes a read/write command (Col. 3 line 38-Col. 4 line 34).

Regarding claim 9, Circello further teaches SRAM includes a plurality of data banks and an interface for interfacing the bus master controller via the first common bus (Col. 3 line 38-Col. 4 line 34).

Regarding claim 11, Apparatus claim 11 is rejected for the same reason as apparatus claim 1 since the recited elements would perform the claimed steps.

Regarding claim 15, Funk et al. further teaches wherein the selected one of the plurality of peripherals returns a signal over the control lines of the first packet bus to the master controller to acknowledge receipt (ARQ protocol) of the command (Col. 7 lines 48-54).

Regarding claim 16, Gibbs et al. further teaches wherein the packetized command includes a read/write command to the shared memory connected to the AP (Col. 3 line 38-Col. 4 line 34).

Regarding claim 18, Circello further teaches a shared memory (SRAM, Col. 3 lines 38-40). It would have been obvious to use SDRAM as a possible choice for memory because of its size and performance.

Regarding claim 19, Circello further teaches SRAM includes a plurality of data banks and an interface for interfacing (Col. 3 line 38-Col. 4 line 34).

Regarding claim 21, Circello teaches an application processor 101 (Fig. 1) comprising a central processing unit 102 (Fig. 1) for processing data received from a plurality of external peripherals, a bus master controller 103 (Fig. 1) for controlling via a first common bus 107 (Fig. 1) connected to the plurality of external peripherals 111, 112, and 113 (Fig. 1), and for interfacing with a shared memory (Col. 3 lines 4-58, it is obvious that the shared memory of Circello can be connected to a modem from a second bus), wherein the bus master controller 103 (fig. 1) controls the plurality of external peripherals by using a packet generator issuing a packetized command commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for

selecting one of the plurality of external peripherals (Col. 3 lines 4-58). However, Circello fails to teach a modulator/demodulator (modem) connected to shared memory.

Ryan teaches shared memory 108 (Fig. 1) connected to the AP 102 (Fig. 1) via a common bus and connected to the modem 104 (Fig. 1) via a bus.

Circello and Ryan fail to clearly teach packetized commands (even though it is obvious in Circello).

Funk teaches wherein the bus master controller 111 (fig. 4) controls the plurality of external peripherals by using a packet generator issuing a packetized command (Figs. 5-6) commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 26-45, Col. 4 line 45-Col. 5 line 26, and Fig. 5).

Regarding claim 23, the combination including Circello teaches a shared memory (SRAM, Col. 3 lines 38-40). It would have been obvious to use SDRAM as a possible choice for memory because of its size and performance.

Regarding claim 24, the combination including Circello teaches wherein the plurality of external peripherals include at least one of an image capture module, a display, and a flash memory (Col. 3 lines 38-40).

Regarding claim 26, Funk et al. further teaches wherein the selected one of the peripherals returns a signal to the bus master controller to acknowledge receipt (ARQ protocol) of the packetized command packet (Col. 7 lines 48-54).

Regarding claim 27, the combination including Circello teaches a read/write command to the shared memory (Col. 3 line 38-Col. 4 line 34).

Regarding claim 29, the combination including Circello teaches SRAM includes a plurality of data banks and an interface for interfacing the bus master controller via the first common bus (Col. 3 line 38-Col. 4 line 34).

Regarding claim 31, Circello teaches an application processor 101 (Fig. 1) comprising a central processing unit 102 (Fig. 1) for processing data received from a plurality of external peripherals, over a first common bus 107 (Fig. 1); and a bus master controller 103 (Fig. 1) for controlling via the first common bus 107 (Fig. 1) connected to the plurality of external peripherals 111, 112, and 113 (Fig. 1), and for interfacing with a shared memory (Col. 3 lines 4-58, it is obvious that the shared memory of Circello can be connected to a modem from a second bus), wherein the bus master controller 103 (fig. 1) controls the plurality of external peripherals by using a packet generator issuing a packetized command commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 4-58). However, Circello fails to teach a modulator/demodulator (modem) connected to shared memory.

Ryan teaches shared memory 108 (Fig. 1) connected to the AP 102 (Fig. 1) via a common bus and connected to the modem 104 (Fig. 1) via a bus.



Circello and Ryan fail to clearly teach packetized commands (even though it is obvious in Circello).

Funk teaches wherein the bus master controller 111 (fig. 4) controls the plurality of external peripherals by using a packet generator issuing a packetized command commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command (Figs. 5-6) includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 26-45, Col. 4 line 45-Col. 5 line 26, and Fig. 5).

Regarding claim 33, the combination including Circello teaches a shared memory (SRAM, Col. 3 lines 38-40). It would have been obvious to use SDRAM as a possible choice for memory because of its size and performance.

Regarding claim 34, the combination including Circello teaches wherein the plurality of external peripherals include at least one of an image capture module, a display, and a flash memory (Col. 3 lines 38-40).

Regarding claim 36, Funk et al. further teaches wherein the selected one of the peripherals returns a signal to the bus master controller to acknowledge receipt (ARQ protocol) of the packetized command packet (Col. 7 lines 48-54).

Regarding claim 37, the combination including Circello teaches a read/write command to the shared memory (Col. 3 line 38-Col. 4 line 34).

Regarding claim 39, the combination including Circello teaches SRAM includes a plurality of data banks and an interface for interfacing the bus master controller via the first common bus (Col. 3 line 38-Col. 4 line 34).

Regarding claim 40, Circello teaches an application processor 101 (Fig. 1) having a central processing unit 102 (Fig. 1), and a bus master controller 103 (Fig. 1), and a shared memory (Col. 3 lines 4-58), the method comprising controlling via a first common bus 107 (Fig. 1) a plurality of external peripherals 111, 112, and 113 (Fig. 1) using the bus master controller 103 (Fig. 1), and for interfacing with a shared memory (Col. 3 lines 4-58, It is obvious that the shared memory of Circello can be connected to a modem from a second bus) wherein the bus master controller 103 (fig. 1) controls the plurality of external peripherals by using a packet generator issuing a packetized command commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 4-58). However, Circello fails to teach a modulator/demodulator (modem) connected to shared memory.

Ryan teaches shared memory 108 (Fig. 1) connected to the AP 102 (Fig. 1) via a common bus and connected to the modem 104 (Fig. 1) via a bus.

Regarding claim 42, the combination including Circello teaches a shared memory (SRAM, Col. 3 lines 38-40). It would have been obvious to use SDRAM as a possible choice for memory because of its size and performance.

Circello and Ryan fail to clearly teach packetized commands (even though it is obvious in Circello).

Funk teaches wherein the bus master controller 111 (fig. 4) controls the plurality of external peripherals by using a packet generator issuing a packetized command commonly receivable by the plurality of external peripherals over the first common bus, and wherein the packetized command (Figs. 5-6) includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 26-45, Col. 4 line 45-Col. 5 line 26, and Fig. 5).

Regarding claim 43, the combination including Circello teaches wherein the plurality of external peripherals include at least one of an image capture module, a display, and a flash memory (Col. 3 lines 38-40).

Regarding claim 44, the combination including Circello teaches wherein the bus master controller 103 (Fig. 1) controls the plurality of external peripherals 111, 112, and 113 (Fig. 1) operatively connected to the first common bus by issuing a packetized command commonly receivable by the plurality of external peripherals over the first common packet bus 107 (Fig. 1), and wherein the packetized command includes a module device select signal for selecting one of the plurality of external peripherals (Col. 3 lines 4-58).

Regarding claim 45, Funk et al. further teaches wherein the selected one of the peripherals returns a signal to the bus master controller to acknowledge receipt (ARQ protocol) of the packetized command packet (Col. 7 lines 48-54).

Regarding claim 46, the combination including Circello teaches a read/write command direct to the shared memory (Col. 3 line 38-Col. 4 line 34).

3. Claims 8, 17, 28, 38, and 47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Circello et al. (US Pat# 5,872,940) in view of Ryan (US Pat Pub# 2006/0277424) and further in view of Funk et al. (US Pat# 6,026,119) and further Watanabe et al. (US Pat# 6,378,102).

Regarding claim 8, Circello in view of Ryan and further in view of Funk teaches the limitations in claims 1 and 7. Circello, Ryan, and Funk fail to teach about a strobe signal.

Watanabe et al. synchronous semiconductor memory device with multi-bank configuration teaches wherein data read from the memory is sent out externally with a strobe signal, the strobe signal is for strobing the data read into a register in the master controller (Col. 1 line 64-Col. 2 line 10).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a strobe signal as taught by Watanabe et al. into a digital signal processor as taught by Funk into a modulator/demodulator (modem) connected to shared memory as taught by Ryan into Circello's circuit in order to have faster operation (Col. 2 lines 4-10).

Regarding claim 17, Watanabe et al. further teaches data read from the memory is transmitted out externally with a strobe signal, the strobe signal is used for strobing the data read into a register in the master controller (Col. 1 line 64-Col. 2 line 10).

Regarding claim 28, Watanabe further teaches wherein data read from the memory is sent out externally with a strobe signal, the strobe signal is for strobing the data read into a register in the master controller (Col. 1 line 64-Col. 2 line 10).

Regarding claim 38, Watanabe et al. further teaches wherein data read from the memory is sent out externally with a strobe signal, the strobe signal is for strobing the data read into a register in the master controller (Col. 1 line 64-Col. 2 line 10).

Regarding claim 47, Watanabe et al. further teaches wherein data read from the memory is sent out externally with a strobe signal, the strobe signal is for strobing the data read into a register in the master controller (Col. 1 line 64-Col. 2 line 10).

4. Claims 10 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Circello et al. (US Pat# 5,872,940) in view of Ryan (US Pat Pub# 2006/0277424) and further in view of Funk et al. (US Pat# 6,026,119) and further Fueki (US Pat Appl# 2002/0166058).

Regarding claim 10, Circello in view of Ryan and further in view of Funk teaches the limitations in claims 1 and 3. Circello, Ryan, and Funk fail to teach a protection signal.

Fueki's semiconductor integrated circuit on IC card protected against tampering teaches wherein the memory includes a first protection circuit and a second protection circuit for receiving address data from an external devices and for generating a protect signal upon receiving the same address from external devices (Sections 0014 and 0031).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a protection signal as taught by Fueki into a digital signal processor as taught by Funk into a modulator/demodulator (modem) connected to shared memory as taught by Ryan into Circello's circuit in order to increase security (section 0015).

Regarding claim 20, Fueki further teaches wherein the memory includes a first protection circuit and a second protection circuit for receiving address data from an external devices and for generating a protect signal upon receiving the same address from external devices (Sections 0014 and 0031).

Regarding claim 30, Fueki further teaches wherein the memory includes a first protection circuit and a second protection circuit for receiving address data from an external devices and for generating a protect signal upon receiving the same address from external devices (Sections 0014 and 0031).

Regarding claim 48, Fueki further teaches wherein the memory includes a first protection circuit and a second protection circuit for receiving address data from an external devices and for generating a protect signal upon receiving the same address from external devices (Sections 0014 and 0031).

5. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Circello et al. (US Pat# 5,872,940) in view of Ryan (US Pat Pub# 2006/0277424) and further in view of Funk et al. (US Pat# 6,026,119) as applied to claim 11 above, and further in view of Wilska et al. (US Pat Appl# 2002/0082043).

Regarding claim 13, Circello in view of Ryan and further in view of Funk teaches the limitations in claim 11. Circello, Ryan, and Funk fail to teach an image capture module.

Wilska et al. device for personal communications teaches wherein the at least one peripheral is an image capture module 14 (Fig. 3).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate an image capture module as taught by Wilska et al. into a digital signal processor as taught by Funk into a modulator/demodulator (modem) connected to shared memory as taught by Ryan into Circello's circuit in order to collect data efficiently and to communicate with the environment (Section 0005).

***Response to Arguments***

Applicant's Remarks	Examiner's Response
"It will be noted that Circello, et al. does not suggest the use of a modem as in the presently claimed invention."	6. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See <i>In re Keller</i> , 642 F.2d 413, 208 USPQ 871 (CCPA 1981); <i>In re Merck &amp; Co.</i> , 800

	F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). Note, Ryan and Funk teaches a modem.
"Furthermore, there is no shared memory suggested in Circello, et al. because, in fact, Circello, et al. does not have a modem with which to share a memory between the processor and such device, which is not shown or suggested."	7. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See <i>In re Keller</i> , 642 F.2d 413, 208 USPQ 871 (CCPA 1981); <i>In re Merck &amp; Co.</i> , 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). Note, Circello teaches memory but Ryan teaches shared memory.
"More importantly, Circello, et al. is completely silent concerning the use of a packet generator issuing packetized commands sent to the peripheral devices."	Nowhere in Circello does it teach that it does not have packetized commands. However, nowhere in Circello does it teach it has packetized commands. Even though it is pretty obvious Circello teaches packetized commands, Funk clearly



	teaches packetized commands in figures 5 and 6.
"Nevertheless, such external peripherals are not shown or suggested in Funk, et al. Moreover, there is no disclosure that the plurality of external peripherals, which are not disclosed, are connected over a common bus as supposed by the Examiner."	8. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See <i>In re Keller</i> , 642 F.2d 413, 208 USPQ 871 (CCPA 1981); <i>In re Merck &amp; Co.</i> , 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). Note, Circello teaches external peripherals. However, for the sake of argument, Funk teaches a plurality of external peripherals 419 and 425 (Fig. 4) connected by a common bus 430, 432, 436, and 434 (Fig. 4).
"Nevertheless, it is respectfully submitted that there is no suggestion to make the combination provided by the present invention found in any of the cited	Circello teaches an application processor connected to memory (Fig. 1). Ryan teaches an application processor connected to (shared) memory and further

references.”	adds from Circello teachings that the (shared) memory can be connected to a modem (Fig. 1). Finally, Funk just teaches that a modem has a digital signal processor (Fig. 4). Examiner thinks this is a reasonable rejection and not just throwing parts together.
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**Conclusion**

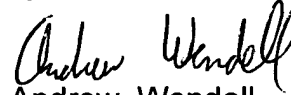
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Wendell whose telephone number is 571-272-0557. The examiner can normally be reached on 7:30-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

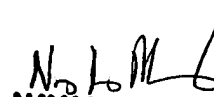
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Andrew Wendell  
Examiner  
Art Unit 2618

12/12/2007

  
**NAY MAUNG**  
**SUPERVISORY PATENT EXAMINER**